

Title (en)

Method of manufacturing at least single-layer tubular blood vessel endoprosthesis, especially of a small internal diameter, and extruding nozzle for carrying out this method.

Title (de)

Verfahren zur Herstellung einer mindestens einschichtigen rohrförmigen Blut-Ader für Endoprothese, insbesondere von kleinem innerem Durchmesser und Extrusionsdüse zum Durchführen dieses Verfahrens.

Title (fr)

Procédé de fabrication d'une veine sanguine pour endoprothèse, en particulier ayant un diamètre interne petit et filière d'extrusion pour la mise en oeuvre de ce procédé.

Publication

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Application

EP 88312189 A 19881222

Priority

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Abstract (en)

The method comprises a first phase wherein a thermoplastic biological material is extruded through an axial passage in a nozzle onto a core which is capable to reduce its profile if exposed to an axial tension whereby a homogeneous uniform layer of said material is created on said core, further a second phase wherein the layer of biological material is hardened and dried on said core, or, optionally, to the harden and dried layer at least another layer is applied and fixed thereon, and, finally, a third phase wherein the layer of biological material, or a laminate, respectively, contracts and becomes loose on the core by axially tensioning the latter so that the tubular layer can be easily removed therefrom.

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IPC 8 full level

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CPC (source: EP US)

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